

**INTENDED USE PLAN**  
**CLEAN WATER STATE REVOLVING FUND**  
**LOAN PROGRAM**  
**FY 2017 FEDERAL APPROPRIATION**

***DRAFT***



**Prepared by the**  
**Tennessee Department of Environment and Conservation**  
**State Revolving Fund Loan Program**

## **CWSRF Loan Program Intended Use Plan for FY 2017**

### **A. Introduction**

Title VI of the Clean Water Act (CWA) as amended authorizes the Administrator of the U.S. Environmental Protection Agency (EPA) to establish a Clean Water State Revolving Fund (CWSRF) Loan Program to further the protection of public health and the environment objectives of the CWA.

The State of Tennessee (State) agrees to submit to the EPA, as part of its annual application for a Capitalization Grant under Title VI of the CWA, an Intended Use Plan (IUP) that meets the requirements of Section 606(c) and the Operating Agreement identifying the use of funds in the CWSRF Loan Program and describing how those uses support the goal of protecting public health and the environment. The following information must be included in the IUP to meet the requirements of Section 606(c) of the CWA:

- Priority Ranking List of proposed loan projects including a project description and the non-point source (NPS) activities eligible for assistance under Section 319 of the CWA
- Description of the financial status of the CWSRF Loan Program
- Automated Standard Application for Payments (ASAP) Schedule
- Description of the short- and long- term goals of the Clean Water SRF Loan Program

The IUP serves as the planning document for explaining how the fiscal year (FY) 2017 appropriations for the CWSRF Loan Program will be used. The State allotment of the FY 2017 Federal Appropriation for the CWSRF Loan Program is \$19,259,000. This plan describes how the State will utilize an appropriated State match of \$3,851,800 and the intended uses of the project funds. The EPA Capitalization Grant plus State match will provide an expected \$23,110,800 in project loan funds.

Prior Year Capitalization Grants and State Match:

- (1) Due to a shortage of State appropriation funds, the Department elected to utilize “PVE Stripper Well” funds to complete the State’s matching requirement relative to the FY 2015 CWSRF Capitalization Grant. (\$2,297,148 to match \$11,485,739)
- (2) Due to a shortage of State appropriation of matching funds, the Department applied for \$7,124,000 in FY 2016 Capitalization Grant funds. The Department has now received a special appropriation to complete the State matching requirements relative to FY 2016 CWSRF Capitalization Grant funds. (\$2,457,000 to match \$12,285,000)

### **B. Subsidization**

The FY 2017 CWSRF Capitalization Grant requires a portion of the funds to be set-aside towards subsidy. The amount allowed for subsidization is a maximum of \$1,925,900. Eligible recipients of assistance from the State Revolving Fund (SRF) will receive subsidization in the form of Principal Forgiveness of 10% and 90% loan and will be specified in the SRF Loan Agreement.

## **CWSRF Loan Program Intended Use Plan for FY 2017**

### **C. Green Project (GP) Set-Aside**

The FY 2017 CWSRF Capitalization Grant requires a portion of the funds to be set-aside towards Green Projects, the State will set-aside a minimum of 10% or \$1,925,900 of the grant dollars to fund eligible Green Projects. Green Projects shall be utilized to address green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities.

Projects meeting GPR criteria will follow the same process as all other SRF projects. EPA's GPR eligibility guidance for the CWSRF Loan Program will be used to evaluate the Green Projects. Additionally, Green Projects will be selected separately from the total cost until the requirement has been met.

A State will be considered to have met the GP requirement when the required percentage of its capitalization grant for FY 2017 is in executed assistance agreements for qualifying Green Projects. If a Green Project is underbid and the State has not met the required percentage for GPR, the difference between the amount in the executed assistance agreement and the winning bid must be used for another Green Project(s).

### **D. Davis-Bacon**

For FY 2017 the requirements of Section 513 of the Federal Water Pollution Control Act {FWPCA} (33 U.S.C. 1372) shall apply to the construction of treatment works carried out in whole or in part with assistance made available by a State water pollution control revolving fund as authorized by title VI of that Act (33 U.S.C. 1381 et seq.), or with assistance made available under section 205(m) of that Act (33 U.S.C. 1285(m)), or both.

The Department of Labor provides pertinent information related to compliance with labor standards, including prevailing wage rates and instructions for reporting. The CWSRF Loan recipients will be required to comply with the Davis-Bacon Act wage rules to all contracts funded with the FY 2017 Clean Water Capitalization Grant.

### **E. American Iron, Steel (AIS), and Manufactured Goods (commonly referred to as Buy-American)**

The FWPCA section 608 codifies a provision that had recently been included in EPA's SRF appropriations that require assistance recipients, absent a waiver, to use iron and steel products that are produced in the United States for projects for the construction, alteration, maintenance, and repair of treatment works.

The FWPCA now includes section 608 which states:

- (a) IN GENERAL – Funds made available from a State water pollution control revolving fund established under this title may not be used for a project for the construction, alteration, maintenance, or repair of treatment works unless all of the iron and steel

## CWSRF Loan Program Intended Use Plan for FY 2017

products used in the project are produced in the United States.

(b) DEFINITION OF IRON AND STEEL PRODUCTS. In this section, the term ‘iron and steel products’ means the following products made primarily of iron or steel; lined or unlined pipes and fittings, manhole covers, and other municipal castings, hydrants, tanks, flanges, pipe clamps and restraints, valves, structural steel, reinforced precast concrete, construction materials.

(c) APPLICATION – Subsection (a) shall not apply in any case or category of cases in which the Administrator finds that –

- (1) applying subsection (a) would be inconsistent with the public interest;
- (2) iron and steel products are not produced in the United States in sufficient and reasonable available quantities and a satisfactory quality; or
- (3) inclusion of iron and steel products produced in the United States will increase the cost of the overall project by more than 25 percent.

(d) WAIVER – If the Administrator receives a request for a waiver under this section, the Administrator shall make available to the public, on an informal basis, a copy of the request and information available to the Administrator concerning the request, and shall allow for informal public input on the request for at least 15 days prior to making a finding based on the request. The Administrator shall make the request and accompanying information available by electronic means, including on the official public Internet site of the Environmental Protection Agency.

EPA intends to interpret the language as described in *Implementation of Iron and Steel Provisions of P. L. 113-76, Consolidated Appropriations Act of 2014*.

The effective date of the newly codified provision is the date of the enactment of the WWRDA, or June 10, 2014.

### F. General Accepted Accounting Principles (GAAP)

Section 602(b)(9) of the Federal Water Pollution Control Act (FWPCA) was amended stating the State must require assistance recipients to maintain project accounts according to General Accepted Accounting Principles (GAAP) as issued by the Government Accounting Standards Board (GASB). This provision requires assistance recipients to use standards relating to the reporting of infrastructure assets. The most recent applicable standard is GASB Statement No. 34 (GASB 34), issued in June 1999, which details governmental reporting requirements including standards for reporting of infrastructure assets. Further details on the requirements, as well as the full text of GASB 34, can be obtained through the GASB.

### G. Cost and Effectiveness Analysis

Under the FWPCA section 602(b)(13), the statute requires all assistance recipients meeting the definition of municipality or intermunicipal, interstate, or State agency to certify that they have conducted the studies and evaluations referred to as a cost and effectiveness analysis. The statute requires that a cost and effectiveness analysis involve, at a minimum:

## CWSRF Loan Program Intended Use Plan for FY 2017

- the study and evaluation of the cost and effectiveness of the processes, materials, techniques, and technologies for carrying out the proposed project or activity for which assistance is sought under this title; and
- the selection, to the maximum extent practicable, of a project or activity that maximizes the potential for efficient water use, reuse, recapture, and conservation and energy conservation, taking into account –
  - a. the cost of constructing the project or activity;
  - b. the cost of operating and maintaining the project or activity over the life of the project or activity; and
  - c. the cost of replacing the project or activity.

A cost and effectiveness analysis is an eligible cost, and CWSRFs can provide assistance for planning and/or engineering activities that involve this analysis; however, the certification must be provided before loan approval. This provision applies to all types of assistance provided to the public entities described above for which the recipient submits an application on or after October 1, 2015.

### H. Fiscal Sustainability Planning (FSP)

As amended, the FWPCA §603(d)(1)(E) requires a recipient of a loan for a project that involves the repair, replacement, or expansion of a publicly owned treatment works to develop and implement a fiscal sustainability plan (FSP) or certify that it has developed and implemented such a plan. This provision applies to all loans for which the borrower submitted an application on or after October 1, 2014.

FSPs should be treated as “living document” that are regularly reviewed, revised, expanded, and implemented as an integral part of the operation and management of the system. At a minimum, the FSPs should include:

- an inventory of critical assets that are part of the treatment works;
- an evaluation of the condition and performance of inventoried assets or asset groupings;
- a certification that the assistance recipient has evaluated and will be implementing water and energy conservation efforts as part of the plant; and
- a plan for maintaining, repairing, and, as necessary, replacing the treatment works and a plan for funding such activities.

The State has determined that the certification would be submitted to SRF before loan approval, and the FSP must be completed and in place by the “Notice to Proceed”.

### I. A/E Procurement

For any capitalization grant awarded after October 1, 2014, the State must ensure that all architectural and engineering (A/E) contracts for projects identified as using funds “directly made available by” a capitalization grant (i.e. equivalency projects) comply with the elements of

## **CWSRF Loan Program Intended Use Plan for FY 2017**

the procurement processes for A/E services as identified in 40 U.S.C. 1101 *et seq.*, or an equivalent State requirement.

To the extent possible, the State should identify all equivalency projects in its Intended Use Plan (IUP). The State should also identify all equivalency projects in its Annual Report and specify whether those projects include any A/E services. Only the SRF-funded contracts for A/E services associated with equivalency projects must comply with this requirement.

The State intends to use the City of Chattanooga's and the City of Franklin's Proposed CWSRF Loans as the equivalency project.

### **J. List of Projects**

In accordance with Section 606(c)(1) of the CWA, the State must develop a list of projects that are eligible to receive funding from the above-mentioned funds. CWSRF projects that are being considered by the State for potential funding are listed on the attached Priority Ranking List (Attachments #1 and 2). In addition to the projects listed, the CWSRF Loan Program may consider loan increases for existing projects, projects carried forward from FY 2016 and other CWSRF-eligible projects. The CWSRF project list may include non-point source (NPS) projects since the State's NPS Assessment and Management Program is approved.

In addition to the CWSRF Priority Ranking List, the attachments include a list with additional information about the identified CWSRF projects on the Priority Ranking List, the proposed binding commitment schedule over three (3) quarters for FY 2017 (Attachment #3), the CWSRF quarterly ASAP Schedule identifying the anticipated amount of federal dollars to be requested from the CWSRF over eight (8) quarters (Attachment #4), the CWSRF quarterly disbursement schedule projecting the transfer of cash from the Clean Water SRF Loan Program to the loan recipients over eight (8) quarters (Attachment #5), and a listing of the sources and uses of CWSRF funds (Attachment #6).

## CWSRF Loan Program Intended Use Plan for FY 2017

### K. Description of the Financial Status of the Clean Water SRF Loan Program

The table below details the total dollar amount in the CWSRF Loan Program project.

| <b>Summary of Projected Funds Available as a Result of the Federal Capitalization Grant</b>   |  |          |                       |
|---|--|----------|-----------------------|
| <b>1.</b>   | Carry-Over Funds*  |          | <b>\$ 152,819,592</b> |
| <b>2.</b>   | Principal & Interest Receivables Projected for FY 2017** | +        | \$ 33,813,041         |
| <b>3.</b>   | Interest on CWSRF Cash Projected During FY 2017**        | +        | \$ 1,864,324          |
| <b>4.</b>   | Balance of FY 2015 Capitalization Grant                  | +        | \$ 11,485,739         |
| <b>5.</b>   | 20% State Match  | +        | \$ 2,297,148          |
| <b>4.</b>   | Balance of FY 2016 Capitalization Grant                  | +        | \$ 12,285,000         |
| <b>5.</b>   | 20% State Match  | +        | \$ 2,457,000          |
| <b>6.</b>   | FY 2017 Capitalization Grant                             | +        | \$ 19,259,000         |
| <b>7.</b>   | 20% of FY 2017 Capitalization Grant matched by State     |          | \$ 3,851,800          |
| <b>8.</b>   | <b>Clean Water SRF Loan Program Project Fund ***</b>     | <b>=</b> | <b>\$ 240,132,644</b> |
| *Estimated balance at June 30, 2017 pre-year-end adjustments  |  |          |                       |
| ** Estimated principal, interest, and treasury interest for FY 2017   |  |          |                       |
| *** Pursuant to §603 (d)(7) of the CWA, the State intends to use up to 1/5 percent of the current valuation of the fund for administrative support. See note M below. |  |          |                       |

### L. Short- and Long-Term Goals/Objectives

As required by the CWA, the State must identify the goals and objectives of its CWSRF Loan Program. The goals as described below are not presented in any priority order.

The State has the following long-term goals and objectives for the CWSRF Loan Program:

**Goal #1:** Maintain a self-sustaining revolving loan program through the CWSRF Loan Program to provide local governments in Tennessee with low-cost financial assistance for wastewater facilities projects

Objective 1.A: To ensure the financial stability of loan recipients by reviewing the financial history, loan security, and proposed user rates of loan applicants

Objective 1.B: To ensure the use of accounting, audit, and fiscal procedures that conform with generally accepted government accounting standards

## CWSRF Loan Program Intended Use Plan for FY 2017

The State has the following long-term goals and objectives for the CWSRF Loan Program:

Objective 1.C: To obligate funds in a timely manner and provide technical and administrative assistance for efficient project management

**Goal #2:** Protect and enhance the water quality in Tennessee by ensuring the technical integrity of funded projects

Objective 2.A: To ensure adequate and effective project planning, design, and construction management

Objective 2.B: To maintain a priority ranking system and offer available funds to projects with the highest priority points that are ready to proceed

In addition to these long-term goals, the State has the following short-term goals for the CWSRF Loan Program:

**Goal #3:** Maximize funds available in the CWSRF Loan Program through cooperation with EPA

Objective 3.A: To prepare and submit an annual Intended Use Plan (IUP) and prepare and submit, along with the IUP, an application for the Capitalization Grant

Objective 3.B: To actively promote and pursue all potential borrowers that have eligible projects

Objective 3.C: To submit an annual report to EPA covering the accomplishments of the IUP

**Goal #4:** Manage an effective and efficient CWSRF Loan Program

Objective 4.A: To prepare and update administrative policies and guidance and standard operation procedures for the CWSRF Loan Program

Objective 4.B: To coordinate and work with the Comptroller of the Treasury to ensure the best financing alternative to local governments

### M. Information on Activities to be Supported

Pursuant to Section 606(c)(3) of the CWA, information pertinent to each CWSRF project is contained in the attachments. The State intends to utilize up to 1/5 percent of the current valuation of the Fund for administrative support, pursuant to Section 603(d)(7). The valuation calculation shall be based upon "Total Net Position" of the Fund as determined by the Comptroller of the Treasury and conveyed in the Annual Audit report. Based on the most recent Audit Report of Total Net Position of the Fund, the State may use up to \$1,930,548 for administrative support, management, and operation of the CWSRF Loan Program.



## **CWSRF Loan Program Intended Use Plan for FY 2017**

The administrative support will include wages and benefits of employees; travel of staff relating to project management, conferences, seminars, and workshops; training contracts and State employees; general office supplies; equipment purchases (as needed), communication and printing, and rent of office space. Funds may also be used for monitoring activities relative to nutrient / plant optimization projects.

### **N. Criteria and Methods for Distributing Funds**

The State's CWSRF Priority Ranking System rules, Chapter 0400-46-1, provide a clear objective order of ranking wastewater facilities projects. The basic criteria established under these rules place emphasis on water quality and public health concerns. The rationale for funding projects in an order other than that shown on the priority list shall be in accordance with the rules for the Priority Ranking System, Chapter 0400-46-1-.03. Communities with projects on the CWSRF Priority List may be bypassed based on failure to submit a complete application after being notified or are not ready to proceed.

Beginning with the FY 2016 Capitalization Grants, funding priority will be directed to projects that are ready to proceed. Additionally, to the extent possible, any subsidy provided by the capitalization grants will be awarded to projects that are ready to proceed.

The interest rate will be based on the community's Ability To Pay Index (ATPI). Interest rates can vary from zero to 100 percent of the interest rate reported on the 20-year, 25-year, and 30-year Bond Buyer Index and the Municipal Market Data General Obligation Yields published every Thursday. Communities that fall within the lower economic scale of the index will be eligible for a lower interest rate. The interest rates for utility districts and water/wastewater authorities that have service areas in more than one county will be determined by utilizing the lowest ATPI of the county or city that will directly benefit from the project(s) associated with the loan. As an additional incentive, the SRF program may recommend an additional discount of  $\frac{1}{4}$  of one percent from the normal discounted interest rate as computed above, but the rate will not be below zero.

The term of the loan will be a maximum of 30 years or the useful life of the project whichever is shorter. The affordability criteria are used to prioritize projects that have the same number of points based on project need. Affordability criteria are based on the Ability-To-Pay Index (ATPI) established by the University of Tennessee Center for Business and Economic Research. Communities with greater economic need are given a higher ranking. The allocation formula uses a broad definition of fiscal capacity that income, unemployment data, and population trends. It also includes per capita property tax base and per capita sales. The intent is to measure fiscal capacity in terms of the available resources for paying for services. The ATPI is revised every five years; the latest revision became effective January 1, 2015.

The State legislation, the Wastewater Facilities Act of 1987, establishes a State Revolving Fund as an enduring and viable fund. Also, the State agrees that the CWSRF shall be maintained and be available in perpetuity for providing financial assistance as authorized and limited by the federal Water Quality Act of 1987.

## **CWSRF Loan Program Intended Use Plan for FY 2017**

The State's NPS Management Program has been approved and the IUP may include NPS projects and activities for funding under the CWSRF when viable projects are identified.

### **O. Assurances and Specific Proposals**

The State shall provide the necessary assurances and certifications described in the Operating Agreement submitted as part of the Capitalization Grant Application. This Operating Agreement is the official agreement between the State and EPA and is incorporated herein by reference. Pursuant to Sections 606(c)(4) and 606(c)(5) of the CWA, the State certifies that:

- The State will enter into binding commitments equal to at least 120% of each quarterly grant payment within one year after receipt of the payment
- The State will expend all funds in the CWSRF in an expeditious and timely manner
- Funds will first be used to assure maintenance of progress toward compliance with enforceable deadlines, goals, and requirements of the CWA
- The State agrees to commit or expend each quarterly capitalization grant payment in accordance with the State's own laws and procedures

In addition, the State certifies that it will conduct environmental reviews on wastewater facility projects in satisfying the NEPA-like requirements. The State's NEPA-like procedures are contained in the approved Operating Agreement.

### **P. Annual Report Requirements**

Section 606(d) of the CWA requires that beginning the first fiscal year after receiving payments under the CWSRF the State shall provide an Annual Report to EPA. The Annual Report shall be submitted to EPA within 90 days after the end of the fiscal year covered by the IUP. This report shall identify loan recipients (name and identification number), loan amounts and terms, Green Projects, projects receiving subsidization (principal forgiveness), amount of subsidy, similar details on other forms of financial assistance provided from CWSRF, population of loan recipient, and other such information as EPA may require.

### **Q. Disadvantaged Business Enterprise Goals**

In accordance with federal Executive Order 11625 dated October 13, 1971, and Executive Order 12138 dated May 18, 1979, the local government must make a good faith effort to include participation from minority and women's businesses in sub-agreement awards. The MBE fair share goal is 2.6% for construction and 5.2% for supplies, services and equipment. The WBE fair share goal is 2.6% for construction and 5.2% for supplies, services and equipment.

### **R. Environmental Benefits**

To meet the EPA Order 5700.7 and FY 2017 Procedures for Implementing Certain Provisions of the FY 2018 Appropriation, the State agrees to complete on a quarterly basis the Clean Water Benefits Report (CBR). Copies of the CBR worksheets will be placed in the Annual Report.

## **CWSRF Loan Program Intended Use Plan for FY 2017**

### **S. Loan Fee**

A loan fee of 8 basis points (0.08%) will be charged by the Office of State and Local Finance for the CWSRF loans that are awarded on or after October 1, 2009.

### **T. Public Review and Comment**

A public meeting was held on June 9, 2017, in Nashville, Tennessee, to review the IUP for FY 2017 and to receive comments on the IUP. The State formally issued a public notice on May 8, 2017 (Attachment 7), to solicit participation in the public meeting. Approximately eight hundred notices were sent to local governments including municipalities, counties, utility districts, water/wastewater authorities; consulting engineers; development districts and interested parties. A copy of the IUP is posted on the Tennessee Department of Environment and Conservation's website located at <http://www.tn.gov/environment/article/wr-srf-priority-ranking>. A summary of the public meeting is on file in the offices of the SRF Loan Program.

## **CWSRF Loan Program Intended Use Plan for FY 2017**

### **ATTACHMENTS**

- Attachment 1: Clean Water SRF Loan Program FY 2017/2018 Priority Ranking List
- Attachment 2: Clean Water SRF Loan Program Projects for Potential Funding
- Attachment 3: Clean Water SRF Loan Program Capitalization Grant Binding Commitment Schedule
- Attachment 4: Clean Water SRF Loan Program Capitalization Grant Quarterly ASAP Schedule
- Attachment 5: Clean Water SRF Loan Program Capitalization Grant Quarterly Disbursement Schedule
- Attachment 6: Clean Water SRF Loan Program Sources and Uses of Funds
- Attachment 7: Clean Water SRF Loan Program IUP Public Notice, May 8, 2017

**CLEAN WATER STATE REVOLVING FUND  
FY 2017 PRIORITY RANKING LIST**

**COMPREHENSIVE LIST***draft*

**Total CWSRF    \$342,729,160    \$136,854,000    Total Green Requested**

\*Includes 5 points for having an approved Growth Plan

CWSRF Total and GREEN Total amounts do not include CDBG

| Rank Order                   | Priority Points* | ATPI | Pop.    | NPDES, TN... | CDBG SRF and/or BOTH | Local Gov't | County | Project Description  | Total Project Amount (\$) | GREEN Component Amount (\$) | Const. Start | Const. Compl | Proj. Type (212 or 319) | EPA Needs Cat. | Discharge Treatment Req. | HUC Code |
|------------------------------|------------------|------|---------|--------------|----------------------|-------------|--------|--|---------------------------|-----------------------------|--------------|--------------|-------------------------|----------------|--------------------------|----------|
| Row Intentionally Left Blank |                  |      |         |              |                      |             |        |  |                           |                             |              |              |                         |                |                          |          |
| 1                            | 128.0            | 60   | 11,480  | TN0021865    | SRF                  | Portland    | Sumner | WWTP Improvements — Advanced Treatment (Phase 2, Improvements to the biological treatment process, solids handling process, and disinfection system)                           | \$ 1,700,000              | \$ -                        | Jun-18       | Jun-19       | 212                     | II             | Advanced                 | 05130206 |
| 2                            | 117.0            | 50   | 646,889 | TN0020729    | SRF                  | Memphis     | Shelby | WWTP Improvements —Secondary Treatment (Improvements to the headworks, biotower, electrical, SCADA, order control, and primary sludge pumping station at the T.E. Maxson WWTP) | \$ 49,300,000             | \$ -                        | Oct-17       | Apr-21       | 212                     | I              | Secondary                | 08010100 |

## CWSRF Loan Program Intended Use Plan for FY 2017

### CLEAN WATER STATE REVOLVING FUND FY 2017 PRIORITY RANKING LIST

COMPREHENSIVE LIST

draft

Total CWSRF    \$342,729,160    \$136,854,000    Total Green Requested

\*Includes 5 points for having an approved Growth Plan

CWSRF Total and GREEN Total amounts do not include CDBG

| Rank Order                   | Priority Points* | ATPI | Pop.   | NPDES, TN... | CDBG SRF and/or BOTH | Local Gov't | County     | Project Description  | Total Project Amount (\$) | GREEN Component Amount (\$) | Const. Start | Const. Compl | Proj. Type (212 or 319) | EPA Needs Cat. | Discharge Treatment Req. | HUC Code |
|------------------------------|------------------|------|--------|--------------|----------------------|-------------|------------|--|---------------------------|-----------------------------|--------------|--------------|-------------------------|----------------|--------------------------|----------|
| Row Intentionally Left Blank |                  |      |        |              |                      |             |            |  |                           |                             |              |              |                         |                |                          |          |
| 3                            | 116.6            | 70   | 62,487 | TN0028277    | SRF                  | Franklin %  | Williamson | GREEN - WWTP Expansion, Advanced Treatment (Expanding the WWTP from 12MGD to 16MGD; reclaimed water system upgrades; and improvements to the Biosolids Facility) <b>Green Business Case Required</b> | \$ 67,875,000             | \$ 56,117,000               | Sep-17       | Apr-21       | 212                     | II             | Advanced                 | 05130204 |
| 4                            | 116.6            | 70   | 62,487 | TN0028827    | SRF                  | Franklin %  | Williamson | GREEN - WWTP Improvements, Advanced Treatment (Biosolids process improvements) <b>Green Business Case Required</b>   | \$ 61,848,000             | \$ 55,648,000               | Sep-17       | Apr-21       | 212                     | II             | Advanced                 | 05130204 |

## CWSRF Loan Program Intended Use Plan for FY 2017

### CLEAN WATER STATE REVOLVING FUND FY 2017 PRIORITY RANKING LIST

**COMPREHENSIVE LIST**

*draft*

Total CWSRF    \$342,729,160    \$136,854,000    Total Green Requested

\*Includes 5 points for having an approved Growth Plan

CWSRF Total and GREEN Total amounts do not include CDBG

| Rank Order                   | Priority Points* | ATPI | Pop.    | NPDES, TN... | CDBG SRF and/or BOTH | Local Gov't   | County     | Project Description  | Total Project Amount (\$) | GREEN Component Amount (\$) | Const. Start | Const. Compl | Proj. Type (212 or 319) | EPA Needs Cat. | Discharge Treatment Req. | HUC Code |
|------------------------------|------------------|------|---------|--------------|----------------------|---------------|------------|--|---------------------------|-----------------------------|--------------|--------------|-------------------------|----------------|--------------------------|----------|
| Row Intentionally Left Blank |                  |      |         |              |                      |               |            |  |                           |                             |              |              |                         |                |                          |          |
| 5                            | 116.6            | 70   | 62,487  | TN0028827    | SRF                  | Franklin %    | Williamson | GREEN - Recycled Water Distribution (Upgrade existing pump station at WWTP to allow for more treated effluent to be reused) <b>Categorically Green</b> | \$ 1,069,000              | \$ 1,069,000                | Sep-17       | Apr-21       | 212                     | X              | Advanced                 | 05130204 |
| 6                            | 116.5            | 70   | 30,435  | TN0024198    | SRF                  | Cookeville    | Putnam     | WWTP Improvements - Advanced Treatment (Construction of a 7.5MG Concrete Storage Tank and 9 MGD Pump Station at the WWTP)                              | \$ 10,358,000             | \$ -                        | Jun-17       | Dec-18       | 212                     | II             | Advanced                 | 05130108 |
| 7                            | 115.3            | 80   | 167,674 | TN0024210    | SRF                  | Chattanooga % | Hamilton   | WWTP Improvements - Advanced Treatment (Phase 2, Rehabilitation of the gravity thickener, thickener pumping stations, and grinder units)               | \$ 3,000,000              | \$ -                        | Dec-17       | Dec-18       | 212                     | II             | NA                       | 06020001 |

## CWSRF Loan Program Intended Use Plan for FY 2017

### CLEAN WATER STATE REVOLVING FUND FY 2017 PRIORITY RANKING LIST

**COMPREHENSIVE LIST**

*draft*

Total CWSRF    \$342,729,160    \$136,854,000    Total Green Requested

\*Includes 5 points for having an approved Growth Plan

CWSRF Total and GREEN Total amounts do not include CDBG

| Rank Order                   | Priority Points* | ATPI | Pop.    | NPDES, TN... | CDBG SRF and/or BOTH | Local Gov't   | County   | Project Description  | Total Project Amount (\$) | GREEN Component Amount (\$) | Const. Start | Const. Compl | Proj. Type (212 or 319) | EPA Needs Cat. | Discharge Treatment Req. | HUC Code |
|------------------------------|------------------|------|---------|--------------|----------------------|---------------|----------|--|---------------------------|-----------------------------|--------------|--------------|-------------------------|----------------|--------------------------|----------|
| Row Intentionally Left Blank |                  |      |         |              |                      |               |          |  |                           |                             |              |              |                         |                |                          |          |
| 8                            | 115.3            | 80   | 167,674 | TN0024210    | SRF                  | Chattanooga % | Hamilton | WWTP Improvements - Advanced Treatment (Phase 3, Construction of a new 1.1MG sludge holding tank; rehabilitation of the dewatering building; and replace digester pumps) | \$ 8,200,000              | \$ -                        | Jan-18       | Jan-19       | 212                     | II             | NA                       | 06020001 |
| 9                            | 113.0            | 40   | 2,206   | TN0055026    | CDBG and SRF         | Westmoreland  | Sumner   | WWTP (new) Advanced Treatment (Replace existing WWTP)  | \$ 2,900,000              | \$ -                        | Jan-18       | Dec-18       | 212                     | II             | Advanced                 | 05110002 |



## CWSRF Loan Program Intended Use Plan for FY 2017

### CLEAN WATER STATE REVOLVING FUND FY 2017 PRIORITY RANKING LIST

COMPREHENSIVE LIST

draft

Total CWSRF    \$342,729,160    \$136,854,000    Total Green Requested

\*Includes 5 points for having an approved Growth Plan

CWSRF Total and GREEN Total amounts do not include CDBG

| Rank Order                   | Priority Points* | ATPI | Pop.   | NPDES, TN... | CDBG SRF and/or BOTH | Local Gov't | County     | Project Description   | Total Project Amount (\$) | GREEN Component Amount (\$) | Const. Start | Const. Compl | Proj. Type (212 or 319) | EPA Needs Cat. | Discharge Treatment Req. | HUC Code |
|------------------------------|------------------|------|--------|--------------|----------------------|-------------|------------|---|---------------------------|-----------------------------|--------------|--------------|-------------------------|----------------|--------------------------|----------|
| Row Intentionally Left Blank |                  |      |        |              |                      |             |            |   |                           |                             |              |              |                         |                |                          |          |
| 10                           | 113.0            | 70   | 39,974 | TN0020541    | SRF                  | Smyrna      | Rutherford | GREEN - WWTP Expansion (Expanding the WWTP from 5.85 MGD to 9MGD to include advanced biological treatment, secondary clarification, and tertiary filtration; upgrades to the UV disinfection, aeration, and solids dewatering system; and water modeling and evaluation for a new outfall) Green Business Case Required | \$ 27,500,000             | \$ 8,450,000                | Jun-18       | Jun-20       | 212                     | II             | Advanced                 | 05130203 |

## CWSRF Loan Program Intended Use Plan for FY 2017

### CLEAN WATER STATE REVOLVING FUND FY 2017 PRIORITY RANKING LIST

COMPREHENSIVE LIST

draft

Total CWSRF    \$342,729,160    \$136,854,000    Total Green Requested

\*Includes 5 points for having an approved Growth Plan

CWSRF Total and GREEN Total amounts do not include CDBG

| Rank Order                   | Priority Points* | ATPI | Pop.  | NPDES, TN... | CDBG SRF and/or BOTH | Local Gov't | County | Project Description   | Total Project Amount (\$) | GREEN Component Amount (\$) | Const. Start | Const. Compl | Proj. Type (212 or 319) | EPA Needs Cat. | Discharge Treatment Req. | HUC Code |
|------------------------------|------------------|------|-------|--------------|----------------------|-------------|--------|---|---------------------------|-----------------------------|--------------|--------------|-------------------------|----------------|--------------------------|----------|
| Row Intentionally Left Blank |                  |      |       |              |                      |             |        |   |                           |                             |              |              |                         |                |                          |          |
| 11                           | 111.8            | 40   | 1,074 | TN0064149    | CDBG and SRF         | Luttrell +  | Union  | WWTP Upgrade - Advanced Treatment (Construction of an oxidation ditch, new RAS/WAS and recirculation pump stations; install new yard piping, electrical, instrumentation, and controls; and site grading and restoration) | \$ 1,329,500              | \$ -                        | Mar-18       | Mar-19       | 212                     | II             | Advanced                 | 06010104 |
| 12                           | 111.2            | 50   | 8,452 | TN0062588    | SRF                  | Humboldt +  | Gibson | WWTP Improvements — Advanced Treatment (Phase 2 - WWTP renovation)  | \$ 7,500,000              | \$ -                        | Nov-17       | Jun-19       | 212                     | II             | Advanced                 | 08010204 |
| 13                           | 111.2            | 50   | 8,452 | TN0062588    | SRF                  | Humboldt +  | Gibson | WWTP Improvements — Advanced Treatment (Phase I - Construction of the sludge dewater facility)  | \$ 1,500,000              | \$ -                        | May-17       | Nov-17       | 212                     | II             | Advanced                 | 08010204 |

## CWSRF Loan Program Intended Use Plan for FY 2017

### CLEAN WATER STATE REVOLVING FUND FY 2017 PRIORITY RANKING LIST

COMPREHENSIVE LIST

draft

Total CWSRF    \$342,729,160    \$136,854,000    Total Green Requested

\*Includes 5 points for having an approved Growth Plan

CWSRF Total and GREEN Total amounts do not include CDBG

| Rank Order                   | Priority Points* | ATPI | Pop.  | NPDES, TN... | CDBG SRF and/or BOTH | Local Gov't   | County          | Project Description   | Total Project Amount (\$) | GREEN Component Amount (\$) | Const. Start | Const. Compl | Proj. Type (212 or 319) | EPA Needs Cat. | Discharge Treatment Req. | HUC Code |
|------------------------------|------------------|------|-------|--------------|----------------------|---------------|-----------------|---|---------------------------|-----------------------------|--------------|--------------|-------------------------|----------------|--------------------------|----------|
| Row Intentionally Left Blank |                  |      |       |              |                      |               |                 |   |                           |                             |              |              |                         |                |                          |          |
| 14                           | 111.0            | 50   | 1,324 | TN0064882    | CDBG and SRF         | Erin +        | Houston Stewart | New WWTP - Secondary Treatment (Construction of a new WWTP to replace existing WWTP)  | \$ 3,900,000              | \$ -                        | Jan-18       | Jan-19       | 212                     | I              | Secondary                | 05130205 |
| 15                           | 108.0            | 50   | 6,737 | TN0021253    | SRF                  | Church Hill + | Hawkins         | <b>GREEN</b> - Recycled Water Distribution (Installation of new pumps, piping, and electrical modifications to the recycle water system at the WWTP) <b>Categorically Green</b> | \$ 135,000                | \$ 135,000                  | Dec-17       | Dec-18       | 212                     | X              | Advanced                 | 06010104 |
| 16                           | 108.0            | 50   | 6,737 | TN0021253    | SRF                  | Church Hill + | Hawkins         | WWTP Improvements — Advanced Treatment (Improvements to the electrical/controls system and screens)   | \$ 315,000                | \$ -                        | Dec-17       | Dec-18       | 212                     | II             | Advanced                 | 06010104 |
| 17                           | 45.0             | 20   | 872   | -            | CDBG and SRF         | Huntland +    | Franklin        | Decentralized Wastewater Treatment Systems  | \$ 5,500,000              | \$ -                        | May-18       | Dec-24       | 319                     | XII            | NA                       | -        |

## CWSRF Loan Program Intended Use Plan for FY 2017

### CLEAN WATER STATE REVOLVING FUND FY 2017 PRIORITY RANKING LIST

**COMPREHENSIVE LIST**

*draft*

Total CWSRF    \$342,729,160    \$136,854,000    Total Green Requested

\*Includes 5 points for having an approved Growth Plan

CWSRF Total and GREEN Total amounts do not include CDBG

| Rank Order                   | Priority Points* | ATPI | Pop.   | NPDES, TN...                        | CDBG SRF and/or BOTH | Local Gov't              | County       | Project Description   | Total Project Amount (\$) | GREEN Component Amount (\$) | Const. Start | Const. Compl | Proj. Type (212 or 319) | EPA Needs Cat. | Discharge Treatment Req. | HUC Code |
|------------------------------|------------------|------|--------|-------------------------------------|----------------------|--------------------------|--------------|---|---------------------------|-----------------------------|--------------|--------------|-------------------------|----------------|--------------------------|----------|
| Row Intentionally Left Blank |                  |      |        |                                     |                      |                          |              |   |                           |                             |              |              |                         |                |                          |          |
| 18                           | 45.0             | 50   | 3,094  | TN0021652                           | SRF                  | Somerville +             | Fayette      | I/I Correction (Rehabilitation of approximately 30,000 LF of sewer lines)   | \$ 3,000,000              | \$ -                        | Aug-18       | Jan-20       | 212                     | III-A          | NA                       | 08010209 |
| 19                           | 45.0             | 60   | 604    | SOP-12022                           | SRF                  | Eagleville +             | Rutherford   | Decentralized Wastewater Treatment System (Expansion of the STEP wastewater collection system to serve customers on failing septic tanks) | \$ 4,660,000              | \$ 4,660,000                | Mar-18       | Aug-19       | 319                     | XII            | NA                       | 05130204 |
| 20                           | 45.0             | 60   | 98,963 | -                                   | SRF                  | Ocoee Utility District   | Bradley Polk | New WWTP (Construction of a new 100,000 GPD WWTF on Old Parksville Road)  | \$ 700,000                | \$ -                        | Mar-19       | Sep-19       | 212                     | -              | -                        | -        |
| 21                           | 45.0             | 70   | 65,211 | TN0024813<br>TN0075876<br>TN0067083 | SRF                  | Jackson Energy Authority | Madison      | <b>GREEN</b> - Water Meter Replacement (Phase I - Replacing existing water meters with AMR meters) <b>Categorically Green</b>             | \$ 4,625,000              | \$ 4,625,000                | Feb-18       | Feb-19       | 212                     | VI-C           | NA                       | 08010205 |

## CWSRF Loan Program Intended Use Plan for FY 2017

### CLEAN WATER STATE REVOLVING FUND FY 2017 PRIORITY RANKING LIST

**COMPREHENSIVE LIST**

draft

Total CWSRF    \$342,729,160    \$136,854,000    Total Green Requested

\*Includes 5 points for having an approved Growth Plan

CWSRF Total and GREEN Total amounts do not include CDBG

| Rank Order                   | Priority Points* | ATPI | Pop.  | NPDES, TN... | CDBG SRF and/or BOTH | Local Gov't                      | County   | Project Description   | Total Project Amount (\$) | GREEN Component Amount (\$) | Const. Start | Const. Compl | Proj. Type (212 or 319) | EPA Needs Cat. | Discharge Treatment Req. | HUC Code |
|------------------------------|------------------|------|-------|--------------|----------------------|----------------------------------|----------|---|---------------------------|-----------------------------|--------------|--------------|-------------------------|----------------|--------------------------|----------|
| Row Intentionally Left Blank |                  |      |       |              |                      |                                  |          |   |                           |                             |              |              |                         |                |                          |          |
| 22                           | 30.0             | 0    | 572   | TN0025101    | SRF                  | Metro Moore County / Lynchburg + | Moore    | Storm Water Conveyance (Installation of culverts on Simmons and Brandon Hollow Road)  | \$ 200,000                | \$ -                        | Jun-17       | Nov-17       | 212                     | VI-A           | NA                       | 06030003 |
| 23                           | 30.0             | 20   | 1,194 | TN0061841    | SRF                  | Cornersville +                   | Marshall | Storm Water Conveyance (Installation of approximately 7,200 LF of curb and gutters, and 10 catch basins)  | \$ 300,000                | \$ -                        | Jun-17       | Nov-17       | 212                     | VI-A           | NA                       | 06030004 |
| 24                           | 30.0             | 30   | 1,371 | TN0064777    | SRF                  | Troy +                           | Obion    | Collection System Rehabilitation (Installation of approximately 1,700 LF of 8-inch gravity sewer to replace abandoned pump station and rebuild three pump stations) | \$ 360,725                | \$ -                        | Mar-18       | Sep-18       | 212                     | III-B          | NA                       | 08010202 |
| 25                           | 30.0             | 30   | 1,371 | TN0064777    | SRF                  | Troy +                           | Obion    | I/I Correction (Smoke testing and Cctv inspection of sewer lines and point repairs)   | \$ 265,000                | \$ -                        | Mar-18       | Sep-18       | 212                     | III-A          | NA                       | 08010202 |

## CWSRF Loan Program Intended Use Plan for FY 2017

### CLEAN WATER STATE REVOLVING FUND FY 2017 PRIORITY RANKING LIST

**COMPREHENSIVE LIST**

*draft*

Total CWSRF    \$342,729,160    \$136,854,000    Total Green Requested

\*Includes 5 points for having an approved Growth Plan

CWSRF Total and GREEN Total amounts do not include CDBG

| Rank Order                   | Priority Points* | ATPI | Pop.  | NPDES, TN... | CDBG SRF and/or BOTH | Local Gov't   | County            | Project Description  | Total Project Amount (\$) | GREEN Component Amount (\$) | Const. Start | Const. Compl | Proj. Type (212 or 319) | EPA Needs Cat. | Discharge Treatment Req. | HUC Code |
|------------------------------|------------------|------|-------|--------------|----------------------|---------------|-------------------|--|---------------------------|-----------------------------|--------------|--------------|-------------------------|----------------|--------------------------|----------|
| Row Intentionally Left Blank |                  |      |       |              |                      |               |                   |  |                           |                             |              |              |                         |                |                          |          |
| 26                           | 30.0             | 40   | 1,781 | TN0025127    | SRF                  | Rocky Top +   | Anderson Campbell | I/I Correction (SSES and rehabilitation of the collection system by methods of CIPP, point repair, pipe bursting, open cut; and manhole rehabilitation)                                    | \$ 3,000,000              | \$ -                        | May-17       | May-19       | 212                     | III-A          | NA                       | 06010207 |
| 27                           | 30.0             | 50   | 2,362 | TN0059366    | SRF                  | Mosheim +     | Greene            | Pump Station Improvements (electrical and miscellaneous improvements to 27 pump stations)  | \$ 650,000                | \$ -                        | Dec-17       | Dec-18       | 212                     | III-B          | NA                       | 06010108 |
| 28                           | 30.0             | 50   | 6,737 | TN0021253    | SRF                  | Church Hill + | Hawkins           | <b>GREEN</b> - I/I Correction (Rehabilitation of the collection system and manholes in Areas 1, 3, and 4 of the City; and CCTVing various sewer lines) <b>Green Business Case Required</b> | \$ 750,000                | \$ 750,000                  | Dec-17       | Dec-18       | 212                     | III-A          | NA                       | 06010104 |

## CWSRF Loan Program Intended Use Plan for FY 2017

### CLEAN WATER STATE REVOLVING FUND FY 2017 PRIORITY RANKING LIST

**COMPREHENSIVE LIST**

*draft*

Total CWSRF    \$342,729,160    \$136,854,000    Total Green Requested

\*Includes 5 points for having an approved Growth Plan

CWSRF Total and GREEN Total amounts do not include CDBG

| Rank Order                   | Priority Points* | ATPI | Pop.   | NPDES, TN... | CDBG SRF and/or BOTH | Local Gov't   | County  | Project Description   | Total Project Amount (\$) | GREEN Component Amount (\$) | Const. Start | Const. Compl | Proj. Type (212 or 319) | EPA Needs Cat. | Discharge Treatment Req. | HUC Code |
|------------------------------|------------------|------|--------|--------------|----------------------|---------------|---------|---|---------------------------|-----------------------------|--------------|--------------|-------------------------|----------------|--------------------------|----------|
| Row Intentionally Left Blank |                  |      |        |              |                      |               |         |   |                           |                             |              |              |                         |                |                          |          |
| 29                           | 30.0             | 50   | 6,737  | TN0021253    | SRF                  | Church Hill + | Hawkins | <b>GREEN</b> - Pump Station Rehabilitation (Improvements to the Phipps Bend, Holliston Mills, Vesta, and Dorton Pump Stations)<br><b>Green Business Case Required</b> | \$ 850,000                | \$ 300,000                  | Dec-17       | Dec-18       | 212                     | III-B          | NA                       | 06010104 |
| 30                           | 30.0             | 50   | 31,807 | TN0064912    | CDBG and SRF         | Obion County  | Obion   | I/I Correction (Rehabilitation of the collection system to correct SSOs)  | \$ 525,000                | \$ -                        | May-18       | Oct-18       | 212                     | III-A          | NA                       | 08010202 |
| 31                           | 30.0             | 60   | 10,156 | TN0061271    | SRF                  | Paris         | Henry   | Collection System Rehabilitation (City-wide rehabilitation of the collection system to correct SSOs)  | \$ 1,500,000              | \$ -                        | Mar-18       | Dec-18       | 212                     | III-B          | NA                       | 06040005 |
| 32                           | 30.0             | 60   | 10,156 | TN0061271    | SRF                  | Paris         | Henry   | I/I Correction (Phase 2, SSES and rehabilitation of the collection system in the Clifty Creek Sub-basin)  | \$ 1,500,000              | \$ -                        | Oct-17       | Sep-18       | 212                     | III-A          | NA                       | 06040005 |

## CWSRF Loan Program Intended Use Plan for FY 2017

### CLEAN WATER STATE REVOLVING FUND FY 2017 PRIORITY RANKING LIST

**COMPREHENSIVE LIST**

*draft*

Total CWSRF    \$342,729,160    \$136,854,000    Total Green Requested

\*Includes 5 points for having an approved Growth Plan

CWSRF Total and GREEN Total amounts do not include CDBG

| Rank Order                   | Priority Points* | ATPI | Pop.   | NPDES, TN... | CDBG SRF and/or BOTH | Local Gov't                       | County                     | Project Description  | Total Project Amount (\$) | GREEN Component Amount (\$) | Const. Start | Const. Compl | Proj. Type (212 or 319) | EPA Needs Cat. | Discharge Treatment Req. | HUC Code |
|------------------------------|------------------|------|--------|--------------|----------------------|-----------------------------------|----------------------------|--|---------------------------|-----------------------------|--------------|--------------|-------------------------|----------------|--------------------------|----------|
| Row Intentionally Left Blank |                  |      |        |              |                      |                                   |                            |  |                           |                             |              |              |                         |                |                          |          |
| 33                           | 30.0             | 60   | 10,428 | TN0022551    | SRF                  | Lawrenceburg                      | Lawrence                   | Collection System Rehabilitation (Replacing approximately 21,700 LF of 8-inch thru 30-inch diameter sewerlines along Hwy 43, Helton Drive, Second Street, Holtsford Street, West Scott, Scout Park, Buffalo Road, Shoal Circle, and Thomas Street) | \$ 11,632,000             | \$ -                        | Mar-18       | Sep-19       | 212                     | III-B          | NA                       | 06030005 |
| 34                           | 30.0             | 60   | 11,480 | TN0021865    | SRF                  | Portland                          | Sumner                     | I/I Correction (SSES and sewerline rehabilitation/replacement based on the survey results)   | \$ 2,000,000              | \$ -                        | Mar-18       | Sep-18       | 212                     | III-A          | NA                       | 05130206 |
| 35                           | 30.0             | 60   | 14,538 | TN0062332    | SRF                  | Water Authority of Dickson County | Dickson Hickman Williamson | Pump Station Rehabilitation (Improvements to the main influent pump station)   | \$ 500,000                | \$ -                        | Oct-17       | Dec-18       | 212                     | III-B          | NA                       | 05130204 |



## CWSRF Loan Program Intended Use Plan for FY 2017

### CLEAN WATER STATE REVOLVING FUND FY 2017 PRIORITY RANKING LIST

**COMPREHENSIVE LIST**

draft

Total CWSRF    \$342,729,160    \$136,854,000    Total Green Requested

\*Includes 5 points for having an approved Growth Plan

CWSRF Total and GREEN Total amounts do not include CDBG

| Rank Order                   | Priority Points* | ATPI | Pop.  | NPDES, TN... | CDBG SRF and/or BOTH | Local Gov't | County | Project Description  | Total Project Amount (\$) | GREEN Component Amount (\$) | Const. Start | Const. Compl | Proj. Type (212 or 319) | EPA Needs Cat. | Discharge Treatment Req. | HUC Code |
|------------------------------|------------------|------|-------|--------------|----------------------|-------------|--------|--|---------------------------|-----------------------------|--------------|--------------|-------------------------|----------------|--------------------------|----------|
| Row Intentionally Left Blank |                  |      |       |              |                      |             |        |  |                           |                             |              |              |                         |                |                          |          |
| 36                           | 30.0             | 70   | 2,306 | TN0022993    | SRF                  | Carthage +  | Smith  | I/I Correction (Rehabilitation of the collection system to include point repairs on approximately 30LF of sewer lines; replace approximately 1,000 LF of 12-inch diameter sewer lines; and install approximately three manholes) | \$ 375,000                | \$ -                        | Jun-18       | Nov-18       | 212                     | III-A          | NA                       | 05130201 |
| 37                           | 30.0             | 70   | 7,645 | TN0020478    | SRF                  | Dayton +    | Rhea   | Collection System Rehabilitation (Abandonment /demolition of the Third Avenue Pump Station and the installation of approximately 4200 LF of 24-inch PVC sewerlines from the Third Avenue Pump Station site to the WWTP)          | \$ 1,300,000              | \$ -                        | Feb-18       | Feb-20       | 212                     | III-B          | NA                       | 06020001 |

## CWSRF Loan Program Intended Use Plan for FY 2017

### CLEAN WATER STATE REVOLVING FUND FY 2017 PRIORITY RANKING LIST

**COMPREHENSIVE LIST**

draft

Total CWSRF    \$342,729,160    \$136,854,000    Total Green Requested

\*Includes 5 points for having an approved Growth Plan

CWSRF Total and GREEN Total amounts do not include CDBG

| Rank Order                   | Priority Points* | ATPI | Pop.   | NPDES, TN... | CDBG SRF and/or BOTH | Local Gov't    | County   | Project Description   | Total Project Amount (\$) | GREEN Component Amount (\$) | Const. Start | Const. Compl | Proj. Type (212 or 319) | EPA Needs Cat. | Discharge Treatment Req. | HUC Code |
|------------------------------|------------------|------|--------|--------------|----------------------|----------------|----------|---|---------------------------|-----------------------------|--------------|--------------|-------------------------|----------------|--------------------------|----------|
| Row Intentionally Left Blank |                  |      |        |              |                      |                |          |   |                           |                             |              |              |                         |                |                          |          |
| 8                            | 30.0             | 80   | 3,279  | TN0054585    | SRF                  | Jasper +       | Marion   | I/I Correction (Rehabilitation /replacement of approximately 2,100 LF of 8-inch thru 12-inch diameter sewer lines and manhole rehabilitation in the Betsy Pack / Lynn, Maple / Magnolia, and Simpson / Griffin Areas) | \$ 750,000                | \$ -                        | Aug-17       | Jan-18       | 212                     | III-A          | NA                       | 06030001 |
| 39                           | 30.0             | 80   | 4,541  | TN0020737    | SRF                  | Ashland City + | Cheatham | I/I Correction (SSES and rehabilitation of the collection system per results of study)  | \$ 3,897,500              | \$ -                        | Jul-18       | Jun-21       | 212                     | III-A          | NA                       | 05130202 |
| 40                           | 30.0             | 80   | 26,190 | TN0028754    | SRF                  | Lebanon        | Wilson   | Sewer Interceptor Rehabilitation/ Replacement (Replacing approximately 7,800 LF of the existing Blair Lane Interceptor, manholes, and associated appurtenances)   | \$ 2,600,000              | \$ -                        | Mar-18       | Mar-19       | 212                     | III-B          | NA                       | 05130201 |

## CWSRF Loan Program Intended Use Plan for FY 2017

### CLEAN WATER STATE REVOLVING FUND FY 2017 PRIORITY RANKING LIST

COMPREHENSIVE LIST

draft

Total CWSRF    \$342,729,160    \$136,854,000    Total Green Requested

\*Includes 5 points for having an approved Growth Plan

CWSRF Total and GREEN Total amounts do not include CDBG

| Rank Order                   | Priority Points* | ATPI | Pop.    | NPDES, TN... | CDBG SRF and/or BOTH | Local Gov't  | County         | Project Description  | Total Project Amount (\$) | GREEN Component Amount (\$) | Const. Start | Const. Compl | Proj. Type (212 or 319) | EPA Needs Cat. | Discharge Treatment Req. | HUC Code |
|------------------------------|------------------|------|---------|--------------|----------------------|--------------|----------------|--|---------------------------|-----------------------------|--------------|--------------|-------------------------|----------------|--------------------------|----------|
| Row Intentionally Left Blank |                  |      |         |              |                      |              |                |  |                           |                             |              |              |                         |                |                          |          |
| 41                           | 30.0             | 80   | 29,330  | TN0024155    | SRF                  | Oak Ridge    | Anderson Roane | GREEN - Pump Station Rehabilitation (Improvements to the Turtle Park Pump Station) <b>Green Business Case Required</b>             | \$ 3,100,000              | \$ 3,100,000                | Jan-18       | Dec-18       | 212                     | III-B          | NA                       | 06010207 |
| 42                           | 30.0             | 80   | 29,330  | TN0024155    | SRF                  | Oak Ridge    | Anderson Roane | GREEN - I/I Correction (Rehabilitation of the collection system in the East Plant Sewer Basin) <b>Green Business Case Required</b> | \$ 2,000,000              | \$ 2,000,000                | Dec-17       | Dec-18       | 212                     | III-A          | NA                       | 06010207 |
| 43                           | 30.0             | 80   | 63,152  | TN0024244    | SRF                  | Johnson City | Washington     | Sewer Interceptor Rehabilitation/ Replacement (Replacing approximately 21,000 LF of the Lower Brush Creek Interceptor)             | \$ 15,000,000             | \$ -                        | Aug-17       | May-18       | 212                     | III-B          | NA                       | 06010103 |
| 44                           | 30.0             | 80   | 167,674 | TN0024210    | SRF                  | Chattanooga  | Hamilton       | I/I Correction (Construction of a 10MG Sewer Storage Tank, pump station, and associated appurtenances)                             | \$ 10,000,000             | \$ -                        | Apr-18       | Dec-19       | 212                     | III-A          | NA                       | 06020001 |

## CWSRF Loan Program Intended Use Plan for FY 2017

### CLEAN WATER STATE REVOLVING FUND FY 2017 PRIORITY RANKING LIST

**COMPREHENSIVE LIST**

*draft*

**Total CWSRF    \$342,729,160    \$136,854,000    Total Green Requested**

\*Includes 5 points for having an approved Growth Plan

CWSRF Total and GREEN Total amounts do not include CDBG

| Rank Order                   | Priority Points* | ATPI | Pop.    | NPDES, TN...        | CDBG SRF and/or BOTH | Local Gov't                                    | County   | Project Description   | Total Project Amount (\$) | GREEN Component Amount (\$) | Const. Start | Const. Compl | Proj. Type (212 or 319) | EPA Needs Cat. | Discharge Treatment Req. | HUC Code |
|------------------------------|------------------|------|---------|---------------------|----------------------|--|----------|---|---------------------------|-----------------------------|--------------|--------------|-------------------------|----------------|--------------------------|----------|
| Row Intentionally Left Blank |                  |      |         |                     |                      |  |          |   |                           |                             |              |              |                         |                |                          |          |
| 45                           | 30.0             | 90   | 336,463 | TN0021211 SOP-89044 | SRF                  | Hamilton County Water and Wastewater Authority | Hamilton | Collection System Rehabilitation (Rehabilitation of the collection system and pump stations in the Lookout Mountain Area)   | \$ 5,474,000              | \$ -                        | Jan-18       | Jun-18       | 212                     | III-B          | NA                       | 06020001 |
| 46                           | 30.0             | 90   | 336,463 | TN0021211 SOP-89044 | SRF                  | Hamilton County Water and Wastewater Authority | Hamilton | Collection System Rehabilitation (Rehabilitation of the collection system and pump stations in the North Ooltewah and Mountain View Road Areas--- Planning and Design Only) | \$ 582,500                | \$ -                        | Jan-18       | Jun-18       | 212                     | III-B          | NA                       | 06020001 |
| 47                           | 30.0             | 90   | 336,463 | TN0021211 SOP-89044 | SRF                  | Hamilton County Water and Wastewater Authority | Hamilton | I/I Correction (SSES in the unincorporated Hamilton County, Signal Mountain, Red Bank, and East Ridge Areas--- Planning only)   | \$ 1,560,000              | \$ -                        | Jan-18       | Jun-18       | 212                     | III-A          | NA                       | 06020001 |

## CWSRF Loan Program Intended Use Plan for FY 2017

### CLEAN WATER STATE REVOLVING FUND FY 2017 PRIORITY RANKING LIST

**COMPREHENSIVE LIST**

*draft*

Total CWSRF    \$342,729,160    \$136,854,000    Total Green Requested

\*Includes 5 points for having an approved Growth Plan

CWSRF Total and GREEN Total amounts do not include CDBG

| Rank Order                   | Priority Points* | ATPI | Pop.    | NPDES, TN... | CDBG SRF and/or BOTH | Local Gov't                         | County                     | Project Description  | Total Project Amount (\$) | GREEN Component Amount (\$) | Const. Start | Const. Compl | Proj. Type (212 or 319) | EPA Needs Cat. | Discharge Treatment Req. | HUC Code |
|------------------------------|------------------|------|---------|--------------|----------------------|-------------------------------------|----------------------------|--|---------------------------|-----------------------------|--------------|--------------|-------------------------|----------------|--------------------------|----------|
| Row Intentionally Left Blank |                  |      |         |              |                      |                                     |                            |  |                           |                             |              |              |                         |                |                          |          |
| 48                           | 30.0             | 90   | 432,226 | TN0078905    | SRF                  | Hallsdale-Powell Utility District   | Knox                       | Collection System Rehabilitation (Replacing approximately 6,150 LF of sewer lines in the Beaver Creek Drainage Basin)  | \$ 5,142,935              | \$ -                        | Jun-17       | Jun-18       | 212                     | III-B          | NA                       | 06010207 |
| 49                           | 6.6              | 60   | 14,538  | TN0062332    | SRF                  | Water Authority of Dickson County + | Dickson Hickman Williamson | WWTP Upgrades — Advanced Treatment (Additional aeration discs in oxidation ditch; new supplemental carbon feed facility; new filter press, and upgrades to the headworks of the Fairview WWTP) | \$ 3,270,000              | \$ -                        | Oct-17       | Dec-18       | 212                     | II             | Advanced                 | 05130204 |

## CWSRF Loan Program Intended Use Plan for FY 2017

### CLEAN WATER STATE REVOLVING FUND FY 2017 PRIORITY RANKING LIST

**COMPREHENSIVE LIST**

*draft*

**Total CWSRF    \$342,729,160    \$136,854,000    Total Green Requested**

\*Includes 5 points for having an approved Growth Plan

CWSRF Total and GREEN Total amounts do not include CDBG

| Rank Order                   | Priority Points* | ATPI | Pop.   | NPDES, TN... | CDBG SRF and/or BOTH | Local Gov't  | County          | Project Description  | Total Project Amount (\$) | GREEN Component Amount (\$) | Const. Start | Const. Compl | Proj. Type (212 or 319) | EPA Needs Cat. | Discharge Treatment Req. | HUC Code |
|------------------------------|------------------|------|--------|--------------|----------------------|--------------|-----------------|--|---------------------------|-----------------------------|--------------|--------------|-------------------------|----------------|--------------------------|----------|
| Row Intentionally Left Blank |                  |      |        |              |                      |              |                 |  |                           |                             |              |              |                         |                |                          |          |
| 50                           | 6.5              | 60   | 10,156 | TN0061271    | SRF                  | Paris        | 1940910010Henry | WWTP Improvements - Advanced Treatment (Improvements to the headworks and influent pump station; installation of a nutrient removal process; and construction of a 25MG equalization pond) | \$ 3,900,000              | \$ -                        | Mar-18       | Dec-18       | 212                     | II             | Advanced                 | 06040005 |
| 51                           | 6.0              | 50   | 982    | SOP-94022    | SRF                  | Collinwood + | Wayne           | WWTP Improvements — Secondary Treatment (Rehabilitation of the influent pumps; install lagoon liners; replace spray irrigation piping and spray heads; and rework the spray fields)        | \$ 687,000                | \$ -                        | Mar-17       | Sep-19       | 212                     | I              | NA                       | -        |

## CWSRF Loan Program Intended Use Plan for FY 2017

### CLEAN WATER STATE REVOLVING FUND FY 2017 PRIORITY RANKING LIST

**COMPREHENSIVE LIST**

*draft*

Total CWSRF    \$342,729,160    \$136,854,000    Total Green Requested

\*Includes 5 points for having an approved Growth Plan

CWSRF Total and GREEN Total amounts do not include CDBG

| Rank Order                   | Priority Points* | ATPI | Pop.  | NPDES, TN... | CDBG SRF and/or BOTH | Local Gov't | County | Project Description   | Total Project Amount (\$) | GREEN Component Amount (\$) | Const. Start | Const. Compl | Proj. Type (212 or 319) | EPA Needs Cat. | Discharge Treatment Req. | HUC Code |
|------------------------------|------------------|------|-------|--------------|----------------------|-------------|--------|---|---------------------------|-----------------------------|--------------|--------------|-------------------------|----------------|--------------------------|----------|
| Row Intentionally Left Blank |                  |      |       |              |                      |             |        |   |                           |                             |              |              |                         |                |                          |          |
| 52                           | 6.0              | 70   | 2,306 | TN0022993    | SRF                  | Carthage +  | Smith  | WWTP Improvements — Secondary Treatment (Upgrades to the headworks and primary clarifier; replace two blowers and 6-inch sludge line; and install a new 6-inch plug valve and effluent sampler) | \$ 825,000                | \$ -                        | Sep-18       | May-19       | 212                     | I              | Secondary                | 05130201 |

## CWSRF Loan Program Intended Use Plan for FY 2017

### CLEAN WATER STATE REVOLVING FUND FY 2017 PRIORITY RANKING LIST

**COMPREHENSIVE LIST**

*draft*

Total CWSRF    \$342,729,160    \$136,854,000    Total Green Requested

\*Includes 5 points for having an approved Growth Plan

CWSRF Total and GREEN Total amounts do not include CDBG

| Rank Order                   | Priority Points* | ATPI | Pop.  | NPDES, TN... | CDBG SRF and/or BOTH | Local Gov't | County | Project Description   | Total Project Amount (\$) | GREEN Component Amount (\$) | Const. Start | Const. Compl | Proj. Type (212 or 319) | EPA Needs Cat. | Discharge Treatment Req. | HUC Code |
|------------------------------|------------------|------|-------|--------------|----------------------|-------------|--------|---|---------------------------|-----------------------------|--------------|--------------|-------------------------|----------------|--------------------------|----------|
| Row Intentionally Left Blank |                  |      |       |              |                      |             |        |   |                           |                             |              |              |                         |                |                          |          |
| 53                           | 6.0              | 70   | 7,645 | TN0020478    | SRF                  | Dayton +    | Rhea   | <b>GREEN -</b><br>WWTP Expansion from 2.6MGD to 4MGD, Secondary Treatment (Construction of a 4MGD SBR, influent pump station, and headworks with fine screening and grit removal; conversion of aeration basins and final clarifiers to EQ tanks; and misc. building improvements)<br><b>- Green Business Case Required</b> | \$ 13,850,000             | \$ 2,800,000                | Feb-18       | Feb-20       | 212                     | I              | Secondary                | 06020001 |

Note: + Small System less than 10,000 population

% Equivalency project – Chattanooga and Franklin



**CLEAN WATER STATE REVOLVING FUND**

Potential Funding List

Beginning with the FY 2016 Capitalization Grants, funding priority will be directed to projects that are ready to proceed. Additionally, to the extent possible, any subsidy provided by the capitalization grants will be awarded to projects that are ready to proceed.

Upon receipt of the FY 2017 EPA Capitalization Grant, TDEC will contact all communities with projects on the FY 2017 PRL with notification that projects not ready to proceed will be bypassed. Communities that do not respond to the funding notification letter may be bypassed.

The State may substitute projects on an emergency basis. Such projects would include those where some type of failure was unanticipated and requires immediate attention to protect public health.

## CWSRF Loan Program Intended Use Plan for FY 2017

Attachment 3

### CWSRF LOAN PROGRAM BINDING COMMITMENT SCHEDULE

| <u>QUARTER</u>  |   |                   | <u>AMOUNT</u>        |
|-----------------|---|-------------------|----------------------|
| October 1, 2017 | - | December 31, 2017 | \$ 4,076,000         |
| January 1, 2018 | - | March 31, 2018    | \$ 6,793,000         |
| April 1, 2018   | - | June 30, 2018     | \$ 8,390,000         |
| <b>TOTAL</b>    |   |                   | <b>\$ 19,259,000</b> |

## CWSRF Loan Program Intended Use Plan for FY 2017

Attachment 4

### CWSRF LOAN PROGRAM QUARTERLY ASAP SCHEDULE

(Quarters are based on Federal fiscal year)

| <u>FY 2018</u> | <u>Amount</u> |
|----------------|---------------|
| Qtr 1          | \$ 9,000,000  |
| Qtr 2          | \$ 5,259,000  |
| Qtr 3          | \$ 5,000,000  |
| Qtr 4          | \$ -0-        |

| <u>FY 2019</u> | <u>Amount</u> |
|----------------|---------------|
| Qtr 1          | \$ -0-        |
| Qtr 2          | \$ -0-        |
| Qtr 3          | \$ -0-        |
| Qtr 4          | \$ -0-        |

---

|              |                      |
|--------------|----------------------|
| <b>TOTAL</b> | <b>\$ 19,259,000</b> |
|--------------|----------------------|

---

---

In addition to FY 2017 ASAP Schedule:

#### FY 2016 Quarterly ASAP Schedule

| <u>FY 2018</u> | <u>Amount</u>       |
|----------------|---------------------|
| Qtr 1          | \$ 7,285,000        |
| Qtr 2          | \$ 5,000,000        |
| <b>Total</b>   | <b>\$12,285,000</b> |

---

---

## CWSRF Loan Program Intended Use Plan for FY 2017

Attachment 5

### CWSRF LOAN PROGRAM QUARTERLY DISBURSEMENT SCHEDULE

(Quarters are based on Federal fiscal year)

| <u>FY 2018</u> | <u>Amount</u> |
|----------------|---------------|
| Qt 1           | \$ -0-        |
| Qt 2           | \$ -0-        |
| Qt 3           | \$ 2,600,000  |
| Qt 4           | \$ 4,659,000  |

| <u>FY 2019</u> | <u>Amount</u> |
|----------------|---------------|
| Qt 1           | \$ 6,000,000  |
| Qt 2           | \$ 6,000,000  |
| Qt 3           | \$ -0-        |
| Qt 4           | \$ -0-        |

---

|              |                      |
|--------------|----------------------|
| <b>TOTAL</b> | <b>\$ 19,259,000</b> |
|--------------|----------------------|

---

---

The following schedule applies to the 2016 Funds:

#### FY 2016 Quarterly Schedule

| <u>FY 2018</u> | <u>Amount</u>       |
|----------------|---------------------|
| Qtr 1          | \$ -0-              |
| Qtr 2          | \$12,285,000        |
| <b>Total</b>   | <b>\$12,285,000</b> |

---

---

## CWSRF Loan Program Intended Use Plan for FY 2017

Attachment 6

### CWSRF LOAN PROGRAM SOURCES AND USES OF FUNDS

#### PROJECTED FUNDS AVAILABLE TO LOAN DURING FY 2018 WITH FEDERAL GRANT

| <b><u>Sources of Funds:</u></b>                      | <b><u>Through FY 2018</u></b> |
|--|-------------------------------|
| Capitalization Grants                                | \$ 666,425,402                |
| State Match  | \$ 122,319,710                |
| Investment Earnings (estimated)                      | \$ 82,631,967                 |
| Loan Repayments – Principal and Interest (estimated) | \$ 1,014,090,821              |
| Total Sources of Cash                                | <hr/> \$ 1,885,467,900 <hr/>  |
| <b><u>Uses of Funds:</u></b>                         |                               |
| Loan and Amendments                                  | \$ 1,621,035,480              |
| Administration Expense Allocations                   | \$ 24,299,766                 |
| Total Uses of Cash                                   | <hr/> \$ 1,645,335,256 <hr/>  |
| Net Available to Loan during FY 2018                 | <hr/> \$ 240,132,644 <hr/>    |



STATE OF TENNESSEE  
**DEPARTMENT OF ENVIRONMENT AND CONSERVATION**

Division of Water Resources  
**State Revolving Fund Loan Program**

William R. Snodgrass – TN Tower  
312 Rosa L. Parks Ave., 12<sup>th</sup> Floor  
Nashville, TN 37243

May 8, 2017

**PUBLIC NOTICE**

TO ALL POTENTIAL **STATE REVOLVING FUND** LOAN APPLICANTS AND INTERESTED PARTIES

The Tennessee Department of Environment and Conservation (TDEC) will conduct a public meeting on **Friday, June 9, 2017**, to present the fiscal year (FY) 2017 Draft Intended Use Plans (IUPs) for the Clean Water State Revolving Fund (CWSRF) and Drinking Water State Revolving Fund (DWSRF) capitalization grants and to receive comments from the public. The meeting will be held in the **Multi-Media Room, 3rd Floor, William R. Snodgrass - TN Tower, 312 Rosa L. Parks Ave., Nashville, Tennessee**, at **10:00 a.m. CDT**. Attendees will need to bring identification containing a photo and check-in at the Security Desk upon arrival to gain admission to the building.

IUPs serve as the planning documents for the state's intended use of this fiscal year's Federal and State appropriations for the CWSRF and DWSRF. IUPs include the Priority Ranking Lists of eligible water and sewer projects and explanations of the intended uses of the set-asides for non-project activities, DWSRF and CWSRF Loan Program goals, and the criteria and methods used for distributing funds. The draft IUPs will become final after a 10-day post-public meeting comment period.

**CLEAN WATER STATE REVOLVING FUND LOAN PROGRAM:**

TDEC is currently applying for the FY 2017 Environmental Protection Agency (EPA) Capitalization Grant from the CWSRF Loan Program in the amount of \$19,409,000 and requires a state match of \$3,881,800.

**DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM:**

TDEC is currently applying for the FY 2017 (EPA) Capitalization Grant from the DWSRF Loan Program in the amount of \$8,312,000 and requires a state match of \$1,662,400.

## **CWSRF Loan Program Intended Use Plan for FY 2017**

### **SPECIAL PROVISIONS OF THE FY 2017 CWSRF AND DWSRF CAPITALIZATION GRANTS**

The Capitalization Grant Conditions for FY 2017 requires the State to set aside up to an estimated 10 percent Green Project Reserve for the CWSRF loan program, and possibly an additional subsidy to eligible recipients for both CWSRF and DWSRF programs. If there is a subsidy, it will be in the form of Principal Forgiveness (PF).

If you are unable to attend the meeting but would like to review the IUPs, please contact Sharon Moody at (615) 532-0472. All comments must be received in the State Revolving Fund Loan Program's office no later than June 26, 2017. Comments may be mailed to Ms. Moody at the letterhead address above, submitted via e-mail to [sharon.moody@tn.gov](mailto:sharon.moody@tn.gov), or sent to Ms. Moody at facsimile number (615) 532-0199.

Individuals with disabilities who wish to participate in these proceedings or to review these filings should contact the Tennessee Department of Environment and Conservation to discuss any auxiliary aids or services needed to facilitate such participation. Such contact may be in person or by writing, telephoning, or other means and should be made no less than 10 days prior to the scheduled meeting date to allow time to provide such aid or services. To make these arrangements, contact the Tennessee Department of Environment and Conservation, ADA Coordinator Beverly Evans, William R. Snodgrass – TN Tower, 312 Rosa L. Parks Ave. 22<sup>nd</sup> Floor, Nashville, TN 37243, (615) 532-0207. Hearing impaired callers may use the Tennessee Relay Service (1-800-848-0298).

If you have any questions regarding this notice please contact Sharon Moody at (615) 532-0472 or [sharon.moody@tn.gov](mailto:sharon.moody@tn.gov).